

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	74415	"358".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/06/04 19:11
L3	112405	"399".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/06/04 19:11
L4	20581	358/1.13-1.16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/06/04 19:11
L6	184281	2 or 3 or 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/06/04 19:11
L7	7	software with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and 6	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:11
L8	2	software with update with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and 6	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:12
L9	104	(download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and 6	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:12
L10	5337	(error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and 6	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:12
L11	4	(upgrade or update) near2 (firmware or software) with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) with print\$3 and 6	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:13

L12	24	(upgrade or update) near2 (firmware or software) with (download\$3 or install \$3) with (error or fault) with (contact\$3 or notify \$3 or alert\$3 or messag \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:13
L13	24	(download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and L12	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:13
L14	0	automatic\$4 with (upgrade or update) near2 (firmware or software) with (download\$3 or install \$3) with (error or fault) with (contact\$3 or notify \$3 or alert\$3 or messag \$3) with (cartridge or toner or consumable) and 6	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:14
L15	0	automatic\$4 with (upgrad \$3 or updat\$3) with (software or firmware) with print\$3 with (replaceable or removable) with (module or cartridge or toner or consumable) same (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/04 19:14
S1	1	10/696902.app.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 16:57
S3	55	((ALBERTO) near2 (RODRIGUEZ).INV.	US-PGPUB; USPAT	OR	ON	2007/11/27 16:47
S4	56	((HEIKO) near2 (ROMMELMANN).INV.	US-PGPUB; USPAT	OR	ON	2007/11/27 16:47
S5	71	S3 or S4	US-PGPUB; USPAT	OR	ON	2007/11/27 16:50
S6	8558	358/1.15,1.16.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 16:48
S7	43952	"358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 16:48
S8	18	S5 and replaceable.clm.	US-PGPUB; USPAT	OR	ON	2007/11/27 16:51
S9	9	S8 and memory.clm.	US-PGPUB; USPAT	OR	ON	2007/11/27 16:52
S10	6	S9 and print\$3.clm.	US-PGPUB; USPAT	OR	ON	2007/12/05 18:28

S11	2	10/458848.app.	US-PGPUB; USPAT	OR	ON	2007/11/27 16:54
S12	1	S1 and (replaceable same (processor near4 element))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/27 17:56
S13	9	("20010007458"   "20020012541"   "20020164168"   "5101233"   "5365312"   "5410641"   "5486899"   "6155664"   "6532351"). PN.	US-PGPUB; USPAT	OR	ON	2007/12/05 20:11
S14	2	("5930553"   "6532351"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 20:10
S15	2	("5930553"   "6532351"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 13:28
S16	9	("20010007458"   "20020012541"   "20020164168"   "5101233"   "5365312"   "5410641"   "5486899"   "6155664"   "6532351"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 13:29
S17	39676	"399".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 16:57
S18	44414	"358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 16:57
S19	1758	S17 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 16:57
S20	82332	S17 or S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 16:57
S21	9	S20 and (upgrad\$3 with (replace\$4 or remov\$4 ot toner\$1 or cartridge\$1 or module\$1)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:20
S22	12	("4496237"   "4827308"   "4961088"   "5272503"   "5835817"   "5930553"   "6016409"   "6459860"   "6498905").PN. OR ("6735399").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:04
S23	68	("4961088"   "5272503"   "5283613"   "5471564"   "5491540"   "5682140"). PN. OR ("5930553"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:10

S24	17	("4961088"   "5289242"   "5572292"   "5675534"   "5835817"   "6181885"   "6227643"   "6233409"   "6351621"   "6385407"). PN. OR ("6532351"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:18
S25	28	S20 and ((upgrad\$3 with (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same print\$3 same memory)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:25
S26	42	S20 and ((upgrad\$3 same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same print\$3 same memory)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:25
S27	42	S20 and ((upgrad\$3 same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same print\$3 same memory)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:25
S28	28	S20 and ((upgrad\$3 with (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same print\$3 same memory)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:26
S29	348	S20 and (((upgrad\$3 or updat\$3) same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same print\$3 same memory)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:26
S30	76	S20 and (((upgrad\$3 or updat\$3) same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same print\$3 same memory same software)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:32
S31	12	S20 and (((upgrad\$3 or updat\$3) same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same diagnostic\$1 same memory same software)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:34
S33	1	S20 and (((upgrad\$3 or updat\$3) same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same diagnostic\$1 same memory same schedul\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:35

S34	6	\$20 and (((upgrad\$3 or updat\$3) same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same diagnostic\$1 same memory and schedul\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:36
S35	1	\$20 and (((upgrad\$3 or updat\$3) same (replace\$4 or remov\$4 or toner\$1 or cartridge\$1 or module\$1)) same diagnostic\$1 and (schedul\$3 same download\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:38
S36	10	\$20 and (((upgrad\$3 or updat\$3) with (schedul\$3 same download\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 17:38
S37	269	((processor and memory) with (replace\$4 or remov\$4 or consumable)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 18:32
S38	9	((processor and memory) with ((replace\$4 or remov\$4 or consumable) with print\$3)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 18:33
S42	26	(((processor and memory) with (with\$1in or incorporat\$2 or embed\$4 or situated or locate\$1 or inside)) with ((replace\$4 or remov\$4 or consumable) same print\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 19:07
S43	9	("20030184624"   "20030215246"   "20060024048"   "4961088"   "6312083"   "6386772"   "6431669"   "6894792").PN. OR ("7239413").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 18:41
S44	549	((replaceable or removable) with (component or device or module or peripheral)) same print\$3).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 19:08
S45	106	("358".clas. or "399".clas.) and (((replaceable or removable) with (component or device or module or peripheral)) same print\$3).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 19:08

S46	2	("358".clas. or "399".clas.) and (((replaceable or removable) with (component or device or module or peripheral)) same print\$3 same software).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 19:09
S47	6	("358".clas. or "399".clas.) and (((replaceable or removable) with (component or device or module or peripheral)) same print\$3 same (updat\$3 or upgrad\$3)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 19:10
S48	39	("358".clas. or "399".clas.) and (((replaceable or removable) with (component or device or module or peripheral)) same print\$3 same (memory)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/01 19:10
S49	3	(US-20040233470-\$ or US-20040212651-\$ or US-20040207865-\$).did.	US-PGPUB	OR	ON	2008/01/01 19:18
S50	1	09/603232.app.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/02 22:42
S51	1	11/497310.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/13 03:32
S52	53091	"358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 14:03
S53	2	S52 and (update or patch) with software with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 14:05
S54	2	S52 and (upgrade or patch) with software with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 14:07
S55	4	S52 and (upgrade or patch or update or code or instruction) near2 software with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 14:10

S56	21	(upgrade or patch or update or code or instruction) near2 software with (download \$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 14:10
S57	84	software with (download \$3 or install\$3) with (error or fault) with (notify\$3 or alert\$3 or messag\$3) with (user or operator or admin or administrator or client or service\$1man)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 14:14
S58	4	S57 and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 14:15
S59	91	download\$3 with (software) with error with (messag\$3 or alert or notify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 15:12
S60	4	S59 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 15:12
S61	57	S52 and (receiv\$3 or destination or recipient) with (update or upgrade or patch or software or data) with error with (messag\$3 or alert or notify\$3) with (user or operator or admin or administrator or client or service\$1man)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 15:15
S62	16	S52 and (receiv\$3 or destination or recipient) with (update or upgrade or patch or software or code) with error with (messag\$3 or alert or notify\$3) with (user or operator or admin or administrator or client or service\$1man)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 15:17
S63	24	(upgrad\$3 or updat\$3) with (software or patch or firmware) with print\$3 with (replaceable or removable) with (memory or module)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:11
S64	3	S63 and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:11

S65	16	("2002/0140966").URPN.	USPAT	OR	ON	2010/05/20 17:14
S66	17	("20010054152"   "20020067504"   "20020140966"   "20020143924"   "20020143952"   "20020184350"   "6353926"   "6457076"   "6539422"   "6546492"   "6754895").PN. OR ("7146412").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:15
S67	237	(upgrad\$3 or updat\$3) with (software or firmware) with print\$3 with (module or cartridge or toner or consumable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:19
S68	57	S67 and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:19
S69	0	(upgrad\$3 or updat\$3) with (software or patch or firmware) with print\$3 with (replaceable or removable) with (memory or module) with available	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:20
S70	0	(upgrad\$3 or updat\$3) with (software or patch or firmware) with printer with (replaceable or removable) with (memory or module) with available	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:21
S71	12	(upgrad\$3 or updat\$3) with (software or patch or firmware) with printer with (replaceable or removable) with (memory or module)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:21
S72	14	(upgrad\$3 or updat\$3) with (software or firmware) with print\$3 with (module or cartridge or toner or consumable) with available	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:21
S73	4	(upgrad\$3 or updat\$3) with (software or firmware) with printer with (module or cartridge or toner or consumable) with available	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:21

S74	0	(upgrad\$3 or updat\$3) with (software or firmware) with print\$3 with (replaceable or removable) with (module or cartridge or toner or consumable) with available	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:24
S75	9	(upgrad\$3 or updat\$3) with (software or firmware) with print\$3 with (replaceable or removable) with (module or cartridge or toner or consumable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:24
S76	9	("20010007458"   "20020012541"   "20020164168"   "5101233"   "5365312"   "5410641"   "5486899"   "6155664"   "6532351"). PN. OR ("6975817"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:27
S77	66	(upgrad\$3 or updat\$3) with (software or firmware) with (replaceable or removable) with (module or cartridge or toner or consumable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:30
S78	4	S77 and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:30
S79	419	(upgrad\$3 or updat\$3) with (software or firmware) with (cartridge or toner or consumable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:31
S80	29	S79 and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:31
S81	16	(US-20020164168-\$ or US-20030063305-\$ or US-20040080775-\$ or US-20040045000-\$ or US-20020140966-\$ or US-20020143924-\$ or US-20040253011-\$).did. or (US-6532351-\$ or US-5930553-\$ or US-5835817-\$ or US-6459860-\$ or US-7301655-\$ or US-7268900-\$ or US-7262873-\$ or US-7146412-\$ or US-7043166-\$).did.	US-PGPUB; USPAT	OR	ON	2010/05/20 17:38

S82	21	(upgrade or update) near2 (firmware or software) with (download\$3 or install \$3) with (error or fault) with (contact\$3 or notify \$3 or alert\$3 or messag \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:40
S83	0	S81 and S82	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:40
S84	0	(upgrade or update) near2 (firmware or software) with (download\$3 or install \$3) with (error or fault) with (contact\$3 or notify \$3 or alert\$3 or messag \$3) with (cartridge or toner or consumable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:40
S85	0	(upgrade or update) near2 (firmware or software) with (download\$3 or install \$3) with (error or fault) with (contact\$3 or notify \$3 or alert\$3 or messag \$3) same (cartridge or toner or consumable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:40
S86	4	S82 and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:41
S87	6	(upgrade or update) near2 (firmware or software) with (download\$3 or install \$3) with (error or fault) with (contact\$3 or notify \$3 or alert\$3 or messag \$3) with print\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:41
S88	21	(download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and S82	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:43
S89	1	(download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and S81	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:43
S90	1	(error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and S81	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:43

S91	0	(upgrad\$3 or updat\$3) with (software or firmware) with print\$3 with (replaceable or removable) with (module or cartridge or toner or consumable) same (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:44
S92	72	(download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:47
S93	2	software adj update with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:48
S94	2	software with update with (download\$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:48
S95	6	software with (download \$3 or install\$3) with (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3) and "358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 17:48
S96	2	10/458848.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/05 19:31
S97	1	11/281482.APP.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/09 17:37

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	7583	358/1.13-1.16.ccls.	USPAT; UPAD	OR	ON	2011/06/04 19:15

L17	0	16 and automatic\$4 with (upgrad\$3 or updat\$3) with (software or firmware) with print\$3 with (replaceable or removable) with (module or cartridge or toner or consumable) same (error or fault) with (contact\$3 or notify\$3 or alert\$3 or messag\$3)	USPAT; UPAD	OR	ON	2011/06/04 19:15
L18	2	16 and (upgrade or update) near2 (firmware or software) with (download\$3 or install \$3) with (error or fault) with (contact\$3 or notify \$3 or alert\$3 or messag \$3)	USPAT; UPAD	OR	ON	2011/06/04 19:16
L19	0	16 and automatically with software with upgrade same monitor same report same faults same contact same (service or engineer) same return same printing same normal same operation	USPAT; UPAD	OR	ON	2011/06/04 19:18
L20	0	16 and automatically same software same upgrade same monitor same report same faults same contact same (service or engineer) same return same printing same normal same operation	USPAT; UPAD	OR	ON	2011/06/04 19:18

6/ 4/ 2011 7:19:23 PM

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 \ 10696902 - Software upgrades for printer module.wsp